AGENDA: MISR Data Users Science Symposium—Thursday, December 11

Welcome

8:30 AM	Sign-in	All	30
9:00 AM	Welcome	Diner	15

Aerosols (Ralph Kahn, moderator)

9:15 AM	Characterization of vertical transport of fire emissions over N. America	Val Martin	20
9:35 AM	Distributions of 2004 Alaskan forest fire smoke plumes from MISR: Implications for parameterization of injection heights	Leung	20
9:55 AM	Aerosol characteristics over India from MISR	Dey	20
10:15 AM	SO2, aerosols, and cloud effects in Southern Peru	Garay	20
10:35 AM	Break	All	20
10:55 AM	Estimating PM2.5 component concentrations in the continental U.S. using MISR aerosol microphysical properties	Liu	20
11:15 AM	Mineral dust transport characterization from satellite aerosol retrievals & AERONET observations, for transport model applications	Kalashnikova/ Kahn	20
11:35 AM	The relationship between aerosols and rainfall over the three major cities in Kenya	Mbithi	20
11:55 AM	Determination of aerosol SSA using coincident MISR and AERONET data	Martonchik	20
12:15 PM	Lunch	All	90

Clouds (Anthony Davis, moderator)

1:45 PM	The plane parallel nature of oceanic water clouds	Di Girolamo	20
2:05 PM	View angle dependence of cloud optical depths from MISR	Liang	20
2:25 PM	On the use of MISR and MODIS for estimating hurricane intensity	Luo	20

Poster session

2:45 PM	Poster viewing and break	All	75

Clouds (continued)

4:00 PM	Relationship of cloud occurrence frequency as observed by MISR, AIRS, OMI, MODIS, CALIOP, and CloudSat	Wu	20
4:20 PM	Changes in cloud-top heights over the Pacific as measured by MISR	Davies/Molloy	20
4:40 PM	MISR cloud height climatology for GEWEX	Di Girolamo	20
5:00 PM	Using MISR to evaluate clouds in climate models	Marchand	20
5:20 PM	GCSS Pacific Cross-section Intercomparison: Climate models vs. satellite data	Teixera	20
5:40 PM	The seasonal cycle of the tropical deep convective cloud top heights using MISR data and WRF model	Chae	20
6:00 PM	Adjourn		

7:00 PM Dinner at El Portal
695 E. Green Street, Pasadena

AGENDA: MISR Data Users Science Symposium—Friday, December 12

Aerosol, cloud, and surface product access and assessment (Eugene Clothiaux, moderator)

8:30 AM	AMAPS development status	Paradise	20
8:50 AM	Evaluation of the MISR aerosol product	Kinne	20
9:10 AM	MISR-retrieved aerosol properties and aerosol air mass types	Kahn	20
9:30 AM	Analysis of 8 years of MISR Level 3 cloud and land surface albedo, preliminary results	Muller	20
9:50 AM	Correcting cloud fraction for the resolution effect with application to MISR	Jones	20
10:10 AM	Break	All	20
10:30 AM	Intercomparison of MISR, MODIS, and RAOB retrieved arctic winds	Mueller	20
10:50 AM	Comparison of MISR-derived winds with global reanalyses	Chapman	20

Surfaces (Michel Verstraete, moderator)

11:10 AM	Mapping surface roughness on the Greenland ice sheet using MISR	Nolin	20
11:30 AM	Bright and dark clouds in polar regions	Di Girolamo	20
11:50 AM	Changes in albedo over the Arctic as measured by MISR	Davies/Corbett	20
12:10 PM	Using MISR data to monitor sensitive industrial activities	Verstraete	20
12:30 PM	Lunch	All	90
2:00 PM	Does management matter? Using MISR to assess the effects of charcoal production and management on woodland regeneration in Senegal	Wurster	20
2:20 PM	Mapping of forest background reflectance over North America with MISR	Pisek	20
2:40 PM	Forest type distribution from multi-angle spectral data	Schull	20
3:00 PM	Mapping woody plant canopy height and crown cover using MISR and geometric-optical modeling	Chopping	20
3:20 PM	Break	All	20

Discussion session

3:40 PM	Open discussion forum	Moderators	65
4:45 PM	Adjourn		

Posters

No.	Title	Author or Presenter
1	Mapping woody plant canopy height and crown cover using MISR and geometric-optical modeling	Chopping
2	Aerosol particle property comparisons between MISR and AERONET retrieved values	Gaitley
3	Observations of height resolved tropospheric winds from MISR using cloud motion vectors: Data and model intercomparisons and applications	Garay
4	A comparison of MISR cloud motion vectors and NOAA radar wind profiler data	Hinkelman
5	View angle dependence of cloud optical depths from MISR	Liang
6	Progress in optical technology development for aerosol and cloud remote sensing with the multiangle spectropolarimetric imager (MSPI)	Mahler/Chipman
7	Determination of aerosol SSA using coincident MISR and AERONET data	Martonchik
8	MISR stereo heights of grassland fire smoke plumes in Australia	Mims
9	Evaluating MISR cloud height and wind retrieval algorithms	Mueller
10	Detecting exobiological signatures in the Antarctic - the Lake Undersee and Oasis experiment	Muller
11	Global MISR/MODIS/AERONET bias and error analysis	Paradise
12	Study of biomass burning plume heights using combined satellite measurements	Petrenko
13	Forest type distribution from multi-angle spectral data	Schull/Knyazikhin
14	Tropical fire emissions injection heights and their impact on climate	Tosca
15	Using MISR data to improve model estimates of aerosol optical depth (and forcing)	Xu